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(54) Title: PROCESS FOR THE PREPARATION OF A METAL-ORGANIC COMPOUND COMPRISING AT LEAST ONE  
IMINE LIGAND

(57) Abstract: A process for the preparation of a metal-organic compound, comprising at least one imine ligand, characterized in  
that an imine ligand according to formula (1) or the HA adduct thereof, wherein HA represents an acid, of which H represents its  
proton and A its conjugate base, is contacted with a metal-organic reagent of formula (2) in the presence of at least 1, respectively at  
least 2 equivalents of a base, with  $Y=N-R$  as formula (1), wherein Y is selected from a substituted carbon, or nitrogen atom and R  
represents a substituent, and with  $M^*(L_1)_k(L_2)_l(L_3)_m(L_4)_nX$  as formula (2), wherein: M represents a group 4 or group 5 metal ion,  
V represents the valency of the metal ion, being 3, 4 or 5,  $L_1$ ,  $L_2$ ,  $L_3$ , and  $L_4$  represent a ligand or a group 17 halogen atom on M  
and may be equal or different, X represents a group 17 halogen atom, k, l, m, n = 0, 1, 2, 3, 4 with  $k+l+m+n+1=V$ . The invention  
further relates to a process for the preparation of a polyolefin by making a metal-organic compound according to the process of the  
invention, wherein the base is an olefin polymerisation compatible base, which metal-organic compound is activated anywhere in,  
or before a polymerisation reactor.

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